

New technologies and their impact on the development of the labor market

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Abstract

This paper deals with the study of the current scientific discussions on the formation of the "digital economy" and changes in the labor market. A scientific discussion on the impact of digital technology in the work spheres is a deliberate discussion and is conducted by many market participants. The problems of employment and labor, spheres in which digital trends gain more importance are analyzed. Actual changes in the labor market involve the presence of certain risks and opportunities. Risks and opportunities should be analyzed and presented in the form of development trends. The trends of changes can be considered from the standpoint of socio-economic, economic, technological and managerial processes. In this regard, the matrix of the demand for elements of the productivity of human resources has been developed. We carried out classification of labor force in accordance with the elements of productivity. The distribution of the demand for labor resources in the modern labor market is shown. The processes of participation change, occupational safety, social and economic consequences are considered. The complex of systems of and the basic preconditions for the formation of a new format of the labor market are analyzed. Objective of the study is to analyze the impact of the main digital technologies on the labor market, and, accordingly, to identify and describe the stages of the transformation of the labor market, to find possible options for the demand for the elements of productivity of human resources.

Keywords

Competitiveness, Digital technologies, Innovations, Labor market, Labor market balance, Management system evolution, Professional competencies, Technology transfer

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